



**WATER MANAGEMENT DIVISION
MONTHLY REPORT**

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**RESERVOIR OPERATION AND SYSTEM STATUS
FOR NOVEMBER 2000**

HIGHLIGHTS – Cairo began the month at 10.5 feet and ended at 13.4 feet. Normal stage for November is 21 feet.

WEATHER –The weather during November was cool and dry. The month began with temperatures near record highs, but quickly dropped to well below normal and remained below normal for the remainder of the month. Precipitation was below normal this month for much of the basin. All locations upstream of Cincinnati, Ohio received well below normal precipitation with the driest areas in West Virginia, Virginia and eastern Kentucky. Indiana, Illinois and western Kentucky averaged near normal while southern Tennessee received slightly above normal rainfall.

The following table summarizes temperature and precipitation for November:

TEMPERATURE AND PRECIPITATION – NOVEMBER 2000

	TEMPERATURE		PRECIPITATION	
STATION	OBSERVED DEGREES F	DEPARTURE FROM NORMAL	OBSERVED INCHES	DEPARTURE FROM NORMAL
Pittsburgh, PA	39.5	-2.1	1.38	-1.47
Charleston, WV	43.3	-3.5	1.28	-2.31
Columbus, OH	41.0	-1.9	2.13	-1.09
Cincinnati, OH	41.7	-2.6	2.33	-1.13
Louisville, KY	44.6	-2.5	2.97	-0.73
Indianapolis, IN	40.7	-2.3	2.67	-0.56

Evansville, IN	43.0	-3.2	3.43	+0.30
Nashville, TN	48.0	-2.0	6.39	+2.27

STREAMFLOW -- Ohio River monthly average flows for November ranged from a low of 50 percent of normal at Evansville, IN to a high of 74 percent of normal at Metropolis, IL. Daily flows ranged from a low of 16 percent of normal at Evansville, IN to a high of 146 percent of normal at Pittsburgh, PA.

The following table presents the flow data summary for November at the Ohio River Index Stations:

FLOW DATA – NOVEMBER 2000

STATION	AVERAGE MONTHLY FLOW	PERCENT LONG-TERM NORMAL		
		MONTHLY	DAILY	
			HIGH	LOW
Pittsburgh, PA	13,066	59	146	34
Huntington, WV	26,900	60	112	36
Cincinnati, OH	29,600	55	101	36
Louisville, KY	32,867	56	97	26
Evansville, IN	33,267	50	89	16
Paducah, KY	102,030	74	131	40

RESERVOIRS -- November started with 2.7% utilization of the total system flood control storage and ended the month at 2.2%. System-wide augmentation storage increased from 91.0% at the beginning of the month to 93.6% by the end of the month. Significant flood storage utilization in excess of 25% occurred at no reservoir during the month of October.

The following table depicts storage change by tributary reservoir subsystem for October:

CHANGE IN STORAGE TRIBUTARY-RESERVOIR SUBSYSTEM	(ACRE-FEET)
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Allegheny-Monongahela-Beaver	-53,100
Muskingum-Little Kanawha-Hocking-Kanawha-Guyandotte	-124,500
Twelvepole-Big Sandy-Little Sandy-Scioto	-58,100
Little Miami-Licking-Mill Creek-Great Miami	-54,400
Kentucky-Salt-Green-Wabash	-324,600
Cumberland	-299,300
TOTAL	-914,000

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